

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office								Atty. Docket No. 60390-IB/JPW/GJG/JBC	Serial No. Not Yet Known
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)								Applicants: Arlindo Castelhano et al.	
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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number						Date	Name	Class	Subclass	Filing Date if Appropriate
ANV		3	0	3	7	9	8	0	6/5/62	Hitchings, G.H. et al.;		
		3	9	1	0	9	1	3	10/7/75	Kim, et al.;		
		5	2	0	8	2	4	0	5/4/93	Peet, et al.;		
		5	4	0	9	9	3	0	4/25/95	Spada, A.P. et al.;		
		5	5	1	6	8	9	4	5/14/96	Reppert, S.M.;		
		5	5	8	0	8	7	0	12/3/96	Barker, A.J. et al.;		
		5	6	3	9	9	1	3	6/17/97	Lidor et al.;		
		5	6	4	6	1	5	6	7/8/97	Jacobson et al.;		
		5	6	8	1	9	4	1	10/28/97	Cook, P.D. et al.;		
		5	7	1	0	1	5	8	1/20/98	Myers, M.R. et al.;		
		5	7	1	4	4	9	3	2/3/98	Myers, M.R. et al.;		
		5	7	2	1	2	3	7	2/24/98	Myers, M.R. et al.;		
		5	7	4	7	4	9	8	5/5/98	Schnur, R.C. et al.;		
		5	7	8	0	4	5	0	7/14/98	Shade, D.L. et al.;		
		5	7	8	0	4	8	1	7/14/98	Jacobson et al.;		
		5	8	3	4	6	0	9	11/10/98	Horne, D.A. et al.;		
		5	8	7	7	2	1	8	3/2/99	Herzig et al.;		
		5	8	7	7	2	2	1	3/2/99	Cohen et al.;		
		5	8	8	0	1	5	9	3/9/99	Herzig et al.;		
		5	9	1	4	3	4	9	6/22/99	Cohen et al.;		
		5	9	6	2	4	5	8	10/5/99	Lohmann et al.;		
		5	9	9	4	4	0	8	11/30/99	Cohen et al.;		
ANV		6	1	0	3	8	9	9	8/15/00	Horne, D.A. et al.		

FOREIGN PATENT DOCUMENTS

		Document Number						Date	Country	Class	Subclass	Translation	
												Yes	No
ANV	WO	9	3	2	0	0	7	8	10/14/93	PCT;			
ANV	WO	9	4	1	3	6	7	6	6/23/94	PCT;			
ANV	WO	9	4	1	7	0	9	0	8/4/94	PCT;			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	Altman, Bryan	DATE CONSIDERED	3/3/05
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WO 9 4 1 9 3 4 9 9/1/94 PCT; WO 9 4 2 4 1 3 6 10/27/94 PCT; WO 9 5 1 1 6 8 1 5/4/95 PCT; WO 9 5 1 8 6 1 7 7/13/95 PCT; WO 9 5 1 9 7 7 4 7/27/95 PCT; WO 9 5 1 9 9 7 0 7/27/95 PCT; WO 9 5 2 0 5 9 7 8/3/95 PCT; WO 9 6 1 9 4 7 8 6/27/96 PCT; WO 9 7 0 2 2 6 6 1/23/97 PCT; WO 9 7 0 5 1 3 8 2/13/97 PCT; WO 9 7 3 3 8 7 9 9/18/97 PCT; WO 9 8 0 7 7 2 6 2/26/98 PCT; WO 9 8 0 8 3 8 2 3/5/98 PCT; WO 9 8 2 2 4 6 5 5/28/98 PCT; WO 9 8 2 9 3 9 7 7/9/98 PCT; WO 9 8 5 7 6 5 1 12/23/98 PCT; WO 9 9 0 6 0 5 3 2/11/99 PCT; WO 9 9 3 3 8 1 5 7/8/99 PCT; WO 9 9 4 2 0 9 3 8/26/99 PCT; WO 9 9 6 2 5 1 8 12/9/99 PCT; WO 0 1 3 9 7 7 7 6/7/01 PCT (Exhibit 1); WO 02 0 5 7 2 6 7 7/25/02 PCT; WO 03 0 4 8 1 2 0 6/12/03 PCT (Exhibit 2); EP 0 3 2 2 2 4 2 6/28/89 EPO; EP 0 5 1 4 5 4 0 11/25/92 EPO; EP 0 6 8 2 0 2 7 11/15/95 EPO; EP 0 7 2 9 7 5 8 9/4/96 EPO; EP 0 7 7 3 0 2 3 5/14/97 EPO;										
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EXAMINER	Arlindo Castelhano			DATE CONSIDERED 3/3/05						
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							Yes	No
AM	GB	0 9 1 5 3 0 3	1/9/63	Great Britain;				
	DE	3 1 4 5 2 8 7	5/19/93	Germany;				
	IN	0 1 5 7 2 8 0	2/22/86	India;				
AM	JP	09 2 9 1 0 8 9	5/11/999	Japan;				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
AM	Abbracchio M., et al., (1999) "Brain Adenosine Receptors as Targets for Therapeutic Intervention in Neurodegenerative Diseases", <i>Ann. NY. Acad. Sci.</i> , 890: 79-92;							
	Banker, G.S. et al., <i>Modern Pharmaceuticals</i> , 3 rd ed., Marcel Dekker, New York, 1996, page 596;							
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	Dooley, M.J. et al., "Theoretical Structure-Activity Studies of Adenosine A1 Ligands: Requirements for Receptor Affinity" <i>Bioorg. Med. Chem.</i> (1996), 4(6): 923-934;							
	Feoktistove, I. et al., (1998) "Adenosine A _{2B} receptors: a novel therapeutic target in asthma?", <i>TiPS</i> 19: 148-153;							
AM	Gao, E. et al., "Adenosine A1 Receptor Antagonist Prolongs Survival in the Hypoxic Rat" <i>J. Cardiovascular Pharm.</i> (2001) 38: 384-394;							
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		Hart, H. et al., <u>Organic Chemistry, A Short Course</u> , (Houghton Mifflin: 1995), p. 121;						
		Iwamura, H. et al. (1996) "Quantitative Aspects of the Receptor Binding of Cytokinin Agonists and Antagonists" <u>J. Med. Chem.</u> , 26: 838-844;						
		Jacobson K.A., et al., (1998) "Adenosine A3 receptors: novel ligands and paradoxical effects", <u>TiPS</u> , 19:184-191;						
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EXAMINER	Ahn Dryer		DATE CONSIDERED		3/3/05			
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							No
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<i>Am</i>		Muller, C.E. et al. (1996) "Chiral Pyrrolo[2,3-d]pyrimidine and Pyrimido[4,5-b]indole Derivatives: Structure-Activity Relationships of Potent, Highly Stereoselective A ₁ -Adenosine Receptor Antagonists" <i>J. Med. Chem.</i> , 39: 2482-2491;					
		Muller, C. E. and Stein, B. (1996) "Adenosine Receptor Antagonists: Structures and Potential Therapeutic Applications", <i>Current Pharmaceutical Design</i> , 2: 501-530;					
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		Muller, C. E., et al., (1997) "Synthesis and Structure-Activity Relationships of 3,7-Dimethyl-1-propargylxanthine Derivatives, A _{2A} -Selective Adenosine Receptor Antagonists", <i>J. Med. Chem.</i> , 40: 4396-4405;					
		Nishiyama, A. et al., "Adenosine A1 Receptor Antagonist KW-3902 Prevents Hypoxia-Induced Renal Vasoconstriction" <i>J. Pharm. Exp. Ther.</i> (1999), 291: 988-993;					
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		Welch, W.J. "Adenosine type 1 receptor antagonists in fluid retaining disorders" <i>Expert Opin. Investig. Drugs</i> (2002), 11(11): 1553-1562;					
<i>Am</i>		West, R. A. et al. (1961) "2-Alkyl(aryl)-and 2,7-Dimethyl-4-substituted Aminopyrrolo[2,3-d]pyrimidines" <i>J. Org. Chem.</i> , 26: 3809-3812;					
EXAMINER	<i>Altman Dr. x</i>		DATE CONSIDERED	<i>3/3/05</i>			
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<i>Am</i>		20	02	00	28	7	8	2	3/7/02	Castelhano et al. (Exhibit 3, claims only);	
		20	02	00	58	6	6	7	5/16/02	Castelhano et al. (Exhibit 4, claims only);	
		20	03	00	36	5	4	5	2/20/03	Castelhano et al. (Exhibit 5, claims only);	
		20	02	00	94	9	7	4	4/17/03	Castelhano et al. (Exhibit 6, claims only);	
		20	03	00	73	7	0	8	4/17/03	Castelhano et al. (Exhibit 7, claims only);	
		09	4	5	4	0	7	4	12/2/99	Castelhano et al. (Exhibit 8, claims only);	
		09	4	5	4	0	7	5	12/2/99	Castelhano et al. (Exhibit 9, claims only);	
		10	0	1	0	0	9	2	11/30/01	Castelhano et al.;	
<i>DNY</i>		20	03	00	45	5	3	6	3/6/03	Castelhano et al. (Exhibit 10, claims only);	
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<i>Am</i>		Williams, E. F. et al., "Nucleoside transport sites in a cultured human retinal cell line established by SV-40 T antigen gene", (1994) <u>Current Eye Research</u> , 13: 109-118;									
<i>1</i>		Wolff, Manfred E., <u>Burger's Medicinal Chemistry and Drug Discovery</u> , 5 th ed., Volume I: Principles and Practice, John Wiley & Sons, 1995, pages 975-977;									
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<i>DNY</i>		Zhao, Z. et al., "Bioactivation of 6,7-Dimethyl-2,4-di-1-pyrrolidinyl-7H-pyrrolo[2,3-d]pyrimidine (U-89843) to Reactive Intermediates that Bind Covalently to Macromolecules and Produce Genotoxicity" <u>Chem. Res. Toxicol.</u> , (1996) 9: 1230-1239.									
EXAMINER: <i>Alton P. Jr.</i>	DATE CONSIDERED: <i>3/3/05</i>										
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